# NAD SERVICE MANUAL

POWER AMPLIFIER

### CONTENTS -2240PE-

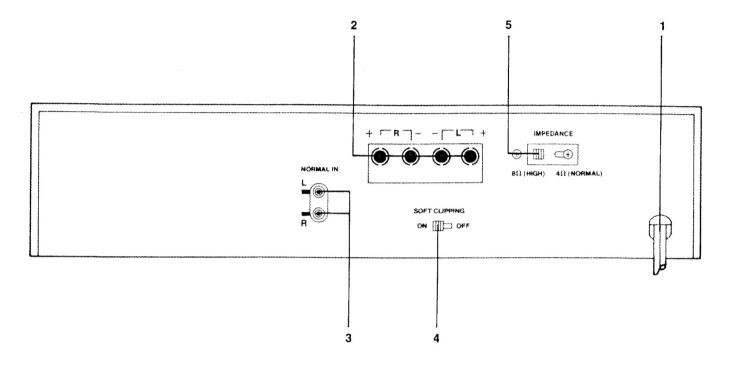
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### REAR PANEL

- 1. AC Line Cord.

- Speakers.
   Normal Inputs.
   Soft Clipping.
   Speaker Impedance.





### FRONT PANEL

1. Power.

NAD	Stereo Amplifier 2240PE POWER ENVELOPE	D POWER SOFT CLIPPING	
$\Box$			

Specifications
NAD 2240PE Stereo Amplifier
Note: Specifications are measured in accordancae with EIA Standard RS-490 (IHF A-202). Measurements referred to 8 ohm are taken with the Speaker Impedance selectorset to 8 ohm (High). Measurements for 4 and 2 ohm are taken with impedance selector at 4 ohm (Normal).

Power Amplifier Section CONTINUOUS AVERAGE POWER 40W(16 dBW) OUTPUT AT 8 OHM (minimum RMS power per channel, both channels driven, with no more than the rated distortion) 0.03% Rated distortion (THD), 20 Hz - 20 kHz 50 W Clipping power, 1 kHz (maximum continuous power per channel) +6 dB Dynamic Headroom at 8 ohm 160 W Dynamic power (maximum 8 ohm 200 W short-term power per channel) 4 ohm 250 W 2 ohm >50 Damping factor >50 Slew factor 15V/usec Slew rate <0.03% T.H.D. and SMPTE I.M. distortion from 250 mW to rated output <0.03% IHF I.M. (CCIF IM) and T.I.M. distortion at rated output 22 kohm Input impedance Input sensitivity for 1 Wa/40 W out 160 mV/1.0 V Power amp gain Low Level (audio muting) 25 dB (18X) -20 dB Physical Specifications 42 x 10.8 x 38 cm. Width x Height x Depth 16.5 x 4.25 x 15 in. 6.425 kg Net Weight 7.72 kg Shipping Weight 50/60 Hz at 110, 120, Power Consumption 220, or 240 VAC 200 W

### ALIGNMENT METHOD

### AUDIO SECTION 2240PE

### IMPORTANT

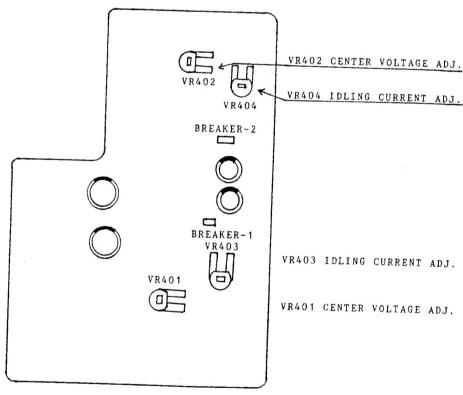
Speaker Impedance switch should be in 8 ohm position while adjusting center volatge and idling current.

INITIAL ADJUSTMENT (No load connected)

- A. CENTER VOLTAGE
  - 1. Connect DC millivoltmeter to L channel output terminals.
  - 2. Turn on and adjust to 0 V  $\pm$  30mV with VR401 (10KB). Connect DC millivoltmeter to R channel output terminals and adjust VR402 to 0 V  $\pm$  30mV.
- B. IDLING CURRENT
  - 1. Remove solder short across R461 and R462.
  - 2. Connect DC millvoltmeter across R471 (1 ohm) (output transistor's collector resistor) and adjust VR403 (1KB) for 26 30mV reading on meter. Repeat adjust with VR404 (1KB), connecting meter across R472 (1 ohm).
  - 3. leave power on for minimum 5 minutes.

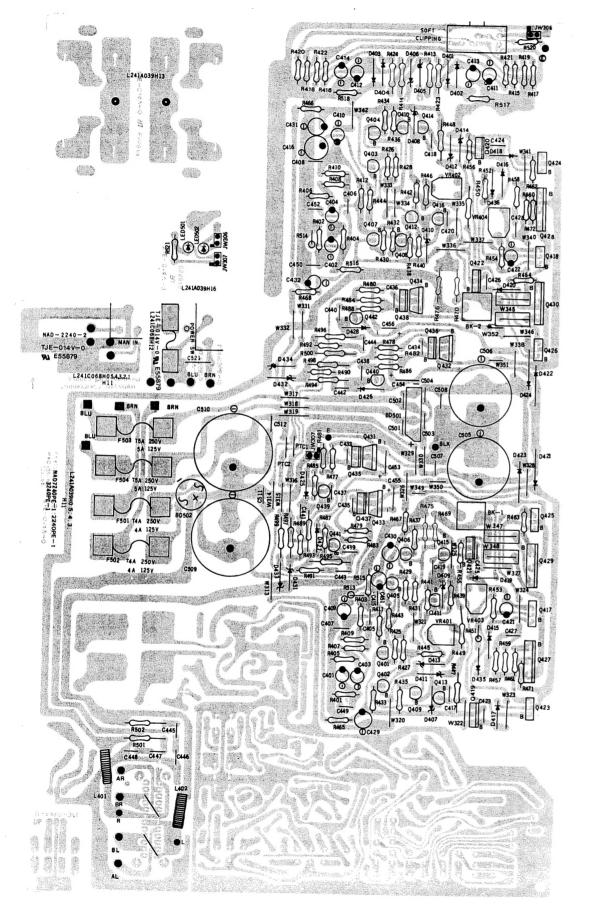
### FINAL ADJUSTMENT

- C. CENTER VOLTAGE
  - 1. Repeat step A above.
- D. IDLING CURRENT
  - 1. Repeat step B and adjust with VR403, VR404 for 30mV reading on meter.
  - 2. After the alignment is finished, 1 ohm resistor R471,R472 is shorted by solder short.

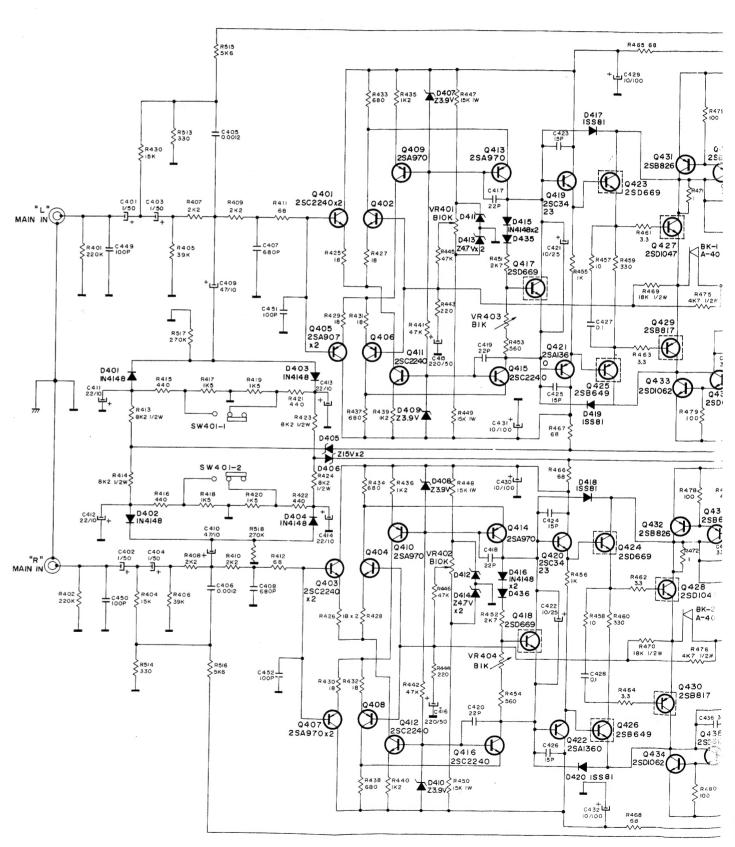


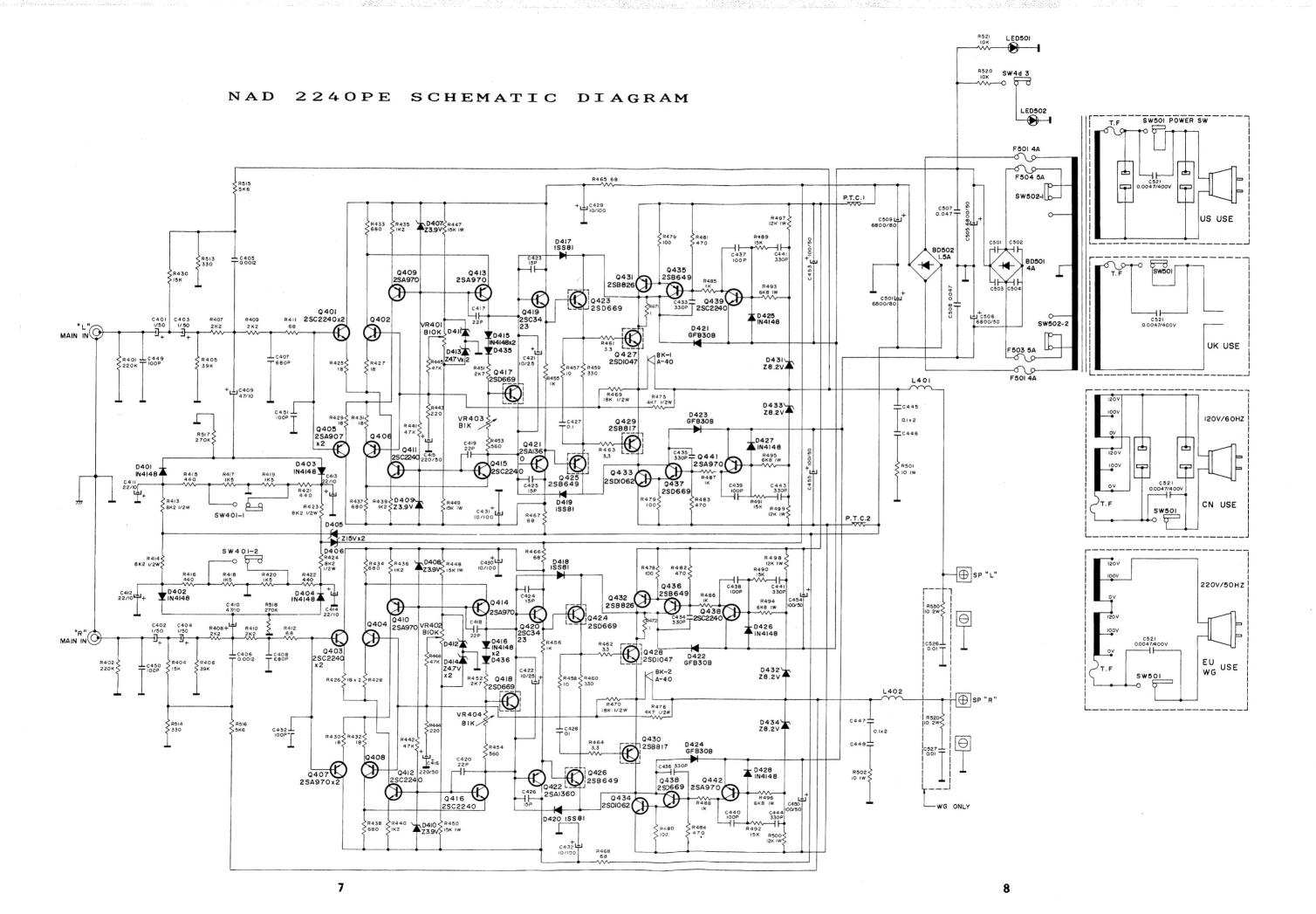
AMPLIFIER ADJUSTMENT POINTS

# NAD 2240PE PCB COMPONENT LOCATION



# NAD 2240PE SCHEMATIC DIAGRA





* 1902A015G01 MAIN-AMP  * 1902A015G02 MAIN-AMP  * 1902A015G03 MAIN-AMP  * 1902A015G04 MAIN AMP-UNIT  * 1902A015G05 MAIN AMP-UNIT  * 1902A015G06 MAIN AMP-UNIT  * 1902A015G06 MAIN AMP-UNIT  * 1902A016G09 MAIN AMP-UNIT  * 1902A016G09 MAIN AMP-UNIT  * 1902A018G00 MAIN AMP-UNIT  * 1903A018G00 MAIN AMP-UNIT  * 1903A018G00 MAIN MAIN MAP-UNIT  * 1903A018G00 MAIN MAP-UNIT  * 1903A006H00 MAIN MAIN-WITE  * 1803A006H00 MAIN-OUTER  * * * * * * * * * * * * * * * * * * *		S	B - * * * * * *	17G17   17G17   17G17   17G18   CABINT-BOTTOM   11G01   CAWE-TOP   COVER-TOP   COVER-TOP   COVER-TOP   COVER-TOP   CAWE-CSA   CAWE	ASSY  AASSY  AASSY  AASSY  ASSY  ASSY  ASSY  ASSY
* 1902A015G02	X X X X X X X X X X X X X X X X X X X	X X X	- # # # # # #		
* 1.902A015G03  * 1.902A015G03  * 1.902A015G05  * 1.902A015G05  * 1.902A015G06  * 1.902A015G07  * 1.902A015G07  * 1.902A015G07  * 1.902A016G07  * 1.902A016G07  * 1.923A018G02  * 1.923A018G02  * 1.923A018G03  * 1.923A018G06  * 1.923A018G06  * 1.923A018G06  * 1.923A018G06  * 1.923A018G09  * 1.923A018G09  * 1.923A018G09  * 1.923A018G09  * 1.989D042G01  * 1.989D042G07  * 1.989D042G06  * 1.989D042G07  * 1.989D042G07  * 1.989D042G09  * 1.989D042G09	X X X X X X X X X X X X X X X X X X X	* * * * * * * * * * * * * * * * * * *	· · · · · · · · · · · · · · · · · · ·		
** 1.902A015G03  ** 1.902A015G05  ** 1.902A015G06  ** 1.902A015G06  ** 1.902A015G08  ** 1.902A015G08  ** 1.902A015G08  ** 1.923A018G01  ** 1.923A018G02  ** 1.923A018G03  ** 1.923A018G03  ** 1.923A018G06  ** 1.932A018G06  ** 1.9	X X X X X X X X X X X X X X X X X X X	*	* * * * * * *		
* 1902A015G04  * 1902A015G05  * 1902A015G06  * 1902A015G06  * 1902A015G08  * 1902A015G08  * 1902A015G08  * 1902A016G09  * 1902A018G03  * 1902A018G03  * 1902A018G03  * 1902A018G06  * 1902A018G06  * 1902A018G06  * 1902A018G06  * 1900A018G08  * 1000A018G08  * 1000	\$\frac{7}{8}\$	* * *	** ***		
# 1902A015G05  # 1902A015G06  # 1902A015G06  # 1902A015G06  # 1902A015G07  # 1902A015G07  # 1902A015G07  # 1923A018G01  # 1923A018G02  # 1923A018G05  # 1923A018G06  # 1923A018G06  # 1923A018G06  # 1923A018G06  # 1923A018G06  # 193A018G06  # 193A018G06  # 193A018G06  # 193A018G06  # 193A018G07  # 198B0042G01  # 198B0042G07  # 198B0042G07  # 198B0042G03  # 198B0042G03  # 198B0042G03  # 198B0042G04  # 1851D054H02  # 1851D054H03  # # # # # # # # # # # # # # # # # # #	\times \t	**     **     **     **       **     **     **     **       **     **     **     **       **     **     **     **       **     **     **     **       **     **     *     **       **     **     *     **	* * * *		
## L902A015G06 ## L902A015G07 ## L902A015G09 ## L902A015G09 ## L923A018G02 ## L923A018G02 ## L923A018G03 ## L923A018G03 ## L923A018G03 ## L923A018G06 ## L92	\$\frac{7}{5}\$	* * * * * * * * * * * * * * * * * * *	* * *		
* L902A015G07  * L902A015G08  * L902A015G09  L923A018G01  L923A018G02  L923A018G05  * L923A018G05  * L923A018G06  * L923A018G06  * L923A018G06  * L923A018G07  * L923A018G07  * L923A018G07  * L923A018G07  * L923A018G08  * L923A018G07  L989D042G07  L989D042G02  L989D042G02  L989D042G02  L989D042G02  L981D054H09  L851D054H09  L851D054H09  L851D054H09  L851D054H01  R L851D054H03  R L851D054H04  R L851D054H04  R L851D054H04  R L851D054H04  R L851D054H04  R L851D054H07  R R R R R R R R U096S04H01  R L851D054H07  R L851D054H03  R L851D054H04  R R R R R R R R R R R R R R R R R R R	중 중 중 중 중 중 중 중 중 중 중 중 중 중 중 중 중 중 중	* * * * * * * * * * * * * * * * * * *	* * *		
* L902A015G08  * L93A018G01  L923A018G02  L923A018G03  * L923A018G03  * L923A018G04  * L923A018G05  * L923A018G06  * L923A018G07  * L989D042G01  * L989D042G01  * L851D054H09  L851D054H09  L851D054H09  L851D054H01  * L851D054H01  * L851D054H01  * L851D054H03  * L851D054H01  * L851D054H03  *	\$\frac{1}{2}\$\frac	* * * * * * * * * * * * * * * * * * *	* * *		
* L902A015G09  * L923A018G02  L923A018G02  L923A018G03  * L923A018G04  * L923A018G05  * L923A018G05  * L923A018G06  * L923A018G06  * L923A018G06  * L923A018G07  * L923A018G07  * L989D042G01  * L989D042G02  L989D042G03  * L989D042G03  * L989D042G03  * L989D042G03  * L989D042G03  * L981D054H08  * L851D054H09  L851D054H01  L851D054H01  L851D054H03  L851D054H03  L851D054H03  * L851D054H03  * L851D054H04  * L851D054H04  * L851D054H04  * L851D054H03  * L851D054H04  * L851D054H03  * L851D054H04  * L851D054H04  * L851D054H03  * L851D054H04  * L851D054H03  * L851D054H04  * L851D		* * * * * * * * * * * * * * * * * * *	* * *		1007
** 1.923A018G01  ** 1.923A018G03  ** 1.923A018G03  ** 1.923A018G05  ** 1.923A018G06  ** 1.923A018G06  ** 1.923A018G06  ** 1.923A018G07  ** 1.923A018G08  ** 1.923A018G08  ** 1.923A018G09  ** 1.923A018G09  ** 1.923A018G09  ** 1.93890042G02  ** * * * * 1.98890042G02  ** * * * * * * 1.98890042G03  ** * * * * * * * 1.98890042G03  ** * * * * * * * * 1.98890042G03  ** * * * * * * * * * 1.8819054H03  ** * * * * * * * * * * 1.8519054H03  ** * * * * * * * * * * * * 1.8519054H03  ** * * * * * * * * * * * 1.8519054H03  ** * * * * * * * * * * * * 1.8519054H03  ** * * * * * * * * * * * * * * 1.8519054H03  ** * * * * * * * * * * * * * 1.8519054H03  ** * * * * * * * * * * * * * 1.8519054H01  ** * * * * * * * * * * * * * * 1.8519054H01  ** * * * * * * * * * * * * * * * * *	3	* * * * * * * * * * * * * * * * * * *	* * *		
** L923A018G02  ** L923A018G03  ** L923A018G04  ** L923A018G05  ** L923A018G06  ** L923A018G06  ** L923A018G07  ** L923A018G07  ** L923A018G09  ** L93B0042G01  ** L851D054409  ** L851D054401  ** L851D054010  ** L851D054010  ** L851D054010  ** L851D054010  ** L851D050003401  ** L851D050003401  ** L851D050003401  ** L851D050003401  ** L851D054001  ** L851D054000  ** L851D0540000  ** L851D0540000  ** L851D0540000  ** L851D0540000  ** L851D0540000  ** L851D05400	5	* * * * * * * * * * * * * * * * * * *	* * * *		
* 1.923A018G03  * 1.923A018G04  * 1.923A018G05  * 1.923A018G05  * 1.923A018G07  * 1.923A018G07  * 1.923A018G07  * 1.923A018G07  * 1.923A018G07  * 1.923A018G07  * 1.989D042G01  * 1.989D042G01  * 1.989D042G02  * 1.989D042G03  * 2.851D054H02  * 1.851D054H03  * 1.851D054H03  * 1.851D054H04  * 1.851D054H03  * 1.851D054H03	3	*	* * *		
* 1.923A018G04  * 1.923A018G05  * 1.923A018G06  * 1.923A018G06  * 1.923A018G07  * 1.923A018G08  * 1.93890042G03  * 1.851D054H09  * 1.851D054H09  * 1.851D054H09  * 1.851D054H09  * 1.851D054H09  * 1.851D054H01  * 1.851D080013H01  * 1.81TON-OUTER  * * * * * * * * * * * * * * * * * * *	X X X X X X X X X X X X X X X X X X X	*	* *	I	
* 1.923A018G05  * 1.923A018G06  * 1.923A018G06  * 1.923A018G07  * 1.923A018G08  * 1.923A018G08  * 1.923A018G08  * 1.923A018G08  * 1.923A018G08  * 1.923A018G08  * 1.938D042G01  * 1.938D042G02  * 1.938D042G02  * 1.938D042G03  * 1.938D044103  * 1.851D0544103  * 1.851D0541103  * 1.	5     5 <td>* * * * * * * *</td> <td>*</td> <td></td> <td>ASSY ASSY ASSY ASSY</td>	* * * * * * * *	*		ASSY ASSY ASSY ASSY
# 1.923A018G0G  # 1.989D042G0G  # 1.989D042G0G  # 1.989D042G0G  # 1.989D042G0G  # 1.989D042G0G  # 1.989D042G0G  # 2.881D054H0B  # 2.881D054H0B  # 2.881D054H0B  # 2.881D054H0B  # 2.881D054H0G  # 2.881D054H0G  # 3.888888888888888888888888888888888888	전     2     전     전     2     전     2     전     2     전     2 <td>* * * * * * * *</td> <td>*</td> <td></td> <td>ASSY ASSY ASSY</td>	* * * * * * * *	*		ASSY ASSY ASSY
* 1.923A018G07  * 1.923A018G07  * 1.923A018G07  * 1.923A018G07  * 1.923A018G08  * 1.923A018G08  * 1.982D042G02  * 1.989D042G02  * * * * 1.989D042G02  * * * * * 1.989D042G03  * * * * * * 1.989D042G04  * * * * * * * 1.989D042G04  * * * * * * * 1.989D042G04  * * * * * * * * 1.989D042G04  * * * * * * * * * 1.851D054H09  * * * * * * * * * * * 1.851D054H09  * * * * * * * * * * * * 1.951D054H01  * * * * * * * * * * * * 1.951D054H01  * * * * * * * * * * * * 1.951D054H01  * * * * * * * * * * * * * 1.9055004H01  * * * * * * * * * * * * 1.851D054H01  * * * * * * * * * * * * * * 1.800D013H01  * * * * * * * * * * * * * * 1.800D013H01  * * * * * * * * * * * * * * 1.800D013H01  * * * * * * * * * * * * * * 1.851D05H01  * * * * * * * * * * * * * * 1.851D05H010  * * * * * * * * * * * * * * * 1.851D05H010  * * * * * * * * * * * * * * * 1.851D05H010  * * * * * * * * * * * * * * * 1.851D05H010  * * * * * * * * * * * * * * * * * * *	X X X X X X X X X X X X X X X X X X X	* * * * * * * *	*		ASSY ASSY ASSY
* 1923A018G07  * 1923A018G09  * 1923A018G09  * 1923A018G09  * 1923A018G09  * 1989D042G01  * 1989D042G02  * 1989D042G03  * 1989D042G03  * 1989D042G03  * 1989D042G05  * 2851D054409  * 1851D054409  * 1851D054409  * 1851D054401  * 1851D05401	S	* * * * * * *	*		ASSY ASSY ASSY
* L923A018G08  * L923A018G08  * L923A018G09  * L989D042C01  * L989D042C02  * L989D042C02  * L989D042C03  * L989D042C03  * L989D042C03  * L989D042C03  * L989D042C03  * L851D054H08  * L851D054H08  * L851D054H09  * L851D054H01  * L851D050H01  * L851	5	* * * * * *	*		ASSY ASSY ASSY
* 1923A018G09  * 1989D042G02  *	5	* * * * *	*		ASSY ASSY ASSY
* 19890042G01 ACCESSORY-ASSY  * 19890042G03  * 19890042G03  * 19890042G03  * 19890042G03  * 19890042G03  * 19890042G05  * 19810054409  * 18510054409  * 18510054400  * 1851005003400  * 1851005400  * 18510054000  * 18510054000  * 1	5	* * * * *	*		ASSY ASSY ASSY
*	5	* * * * *	*		ASSY ASSY ASSY
* 1.989D042G03  * 1.989D042G04  * 1.988D042G04  * 1.988D042G04  * 1.988D042G04  * 1.981D054H09  * 1.851D054H09  * 1.851D054H09  * 1.851D054H09  * 1.851D054H09  * 1.851D054H04  * 1.851D054H04  * 1.851D054H04  * 1.851D054H04  * 1.851D054H04  * 1.851D054H07  * * * * * * * * * U096S04H04  * * * * * * * * * * U096S04H01  * * * * * * * * * * L831D02H01  * * * * * * * * * L80D003H01  * * * * * * * * * L80D003H05  * * * * * * * * * L80D003H05  * * * * * * * * * L80D003H05  * * * * * * * * * L80D003H05  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * L851D061H01  * * * * * * * * * * L851D061H01  * * * * * * * * * * L851D061H01  * * * * * * * * * * L851D061H01  * * * * * * * * * * L851D061H01  * * * * * * * * * * L851D061H01  * * * * * * * * * * L851D061H01  * * * * * * * * * * * L851D061H01  * * * * * * * * * * * L851D061H01  * * * * * * * * * * * * L851D061H01  * * * * * * * * * * * * * * * * * * *	& & & & & & & & & & & & & & & & & & &	* * * *	*		ASSY ASSY ASSY
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* * * * * * * * * * * * * * * * * * *	S S S S S S S S	* * * *	L547B01 L547B01 L547B01		ASSY ASSY ASSY
* L851D054H09 LABEL-PACKING L851D054H09 LABEL-PACKING L851D054H09 L851D054H01 L851D054H01 L851D054H01  * L851D054H01 L851D054H01  * L851D054H	35	* * * *	L547B01 L547B01	14G20 14G30 14G40 14G50	ASSY
IABEL-PACKING  TAPE, 750MM*2 PCS 30MM*2 PCS 30MM*2 PCS BAG-POLY CARTON-OUTER CARTON- STYRO PACKING 1 ART SED M	SS	*	L547B01	14G30 14G40 14G50	ASSY
TAPE, 750MM*2 PCS 30MM*2 PCS 30MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ARFI SEDTAI	25 25 25 25 25 25 25 25 25	* * *		14G40 14G50	
TAPE, 750M#2 PCS 30M#2 PCS 30M#2 PCS BG-POLY CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ART SED M	PCS PCS PCS		L547B014G40	14G50	ASSY
TAPE, 750MM*2 PCS 30MM*2 PCS 30MM*2 PCS BAG-POLY CARTON-OUTER CARTON- STYRO PACKING 1 ARFI SEDIA	PCS PCS		* L547B014G50		ASSY
TAPE, 750MM*2 PCS 30MM*2 PCS 30MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- STYRO PACKING 1 ART SED M	PCS		* L547B014G60	14G60	ASSY
TAPE, 750MM*2 PCS 30MM*2 PCS A0MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- CARTON- STYRO PACKING SHEET PACKING 1 ART SED A		*	L547B029G10	29G10 FRAM-L ASSY	
TAPE, 750MM*2 PCS 30MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ART SED VA	PCS	* *	* L547B029G11		
TAPE, 750MM*2 PCS 30MM*2 PCS 30MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- STYRO PACKING 1 ARFI SEDIAI	SS	*	L547B029G12	29612	
TAPE, 750MM*2 PCS 30MM*2 PCS 30MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- SITRED PACKING SHEET PACKING 1 ARET SED VA	SSA	*	* L547B029G13	29613	
TAPE, 750M#2 PCS 30M#2 PCS 30M#2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ARFI SED W	3 2	* *	* 1.941B120G01	20G01 FRAM-1 ASSV	
30MM*2 PCS PARTS-BAG BAG-POLY CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ART SEDTAI	3	* * *	* 1.241B120G02		
PARTS-BAG BAG-POLY CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ART SED VA	2	* * * * * *	* * 1.241B092G60	92060 BCB LED ASSV	
BAG-POLY CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ARFT SEDTAI		*****	* * 1.704D061H02		
CARTON-OUTER CARTON- STYRO PACKING SHEET PACKING 1 ART SED VA		+ + + + + + + + + + + + + + + + + + + +	* * LICECT CALDOL	4 6	
CARTON-STROM-STYRO PACKING SHEET PACKING 1ABET TEDATA	3	* * * * * * * * * * * * * * * * * * * *			
STYRO PACKING STRET PACKING 1.48FT STROTAL		*	*	-	2-3*6
		*	* * U656S263H23	-	7-3*6
	PCS	* * * * * * *	* * L090D003H01	03H01 SHEE-ISOLATING	
	SS	* * * * * * *	* * U656S264H23	64H23 T-SCREW, PANEL FIX	2-3*6
_	50	* * * * * * *	* * U656S263H23	1	2-3*6
L908A017G10 FULL BLOCK ASSY	3 50	* * * * * * *	* * 116562963H93	_	9-3*E
L908A017G11	3 5	* * * * * *	*		2
. L908A017G12	224	* * * * * *	* * II680S322H03	-	~
+ L908A017G13	324	* * * * * *	* * 11838S101H01		,
* L908A017G14	32		1.7038033610		
* L908A017G15	504	*	1.7038033620		
* L908A017G16	3 2	*	1.703B033G30	33630	
	3	**	1.7038033640	33640	

TIND		S	2	S	2	S	S	S	S	S	SS	SS	S	Σ	S.	2	3		: פ	Eί	<sub>o</sub>	S	SS	SS	S	y,	2 2	2 0	3 2	3 2	3 5	3 5	3 5	3 5	2 2	3 2	3 2	3 2	3 2	3 2	3 2	3 5	3 ,	5	3 5	3 8	3	3	3 5	3 5	3 2	
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SPECIFICATION Q'TY	1																																							_		_									-3*6	
IFICA	1								400V 472M					35 DIA BLK			IA															ц	5A-SEMKO	ц	4A-SEMKO				2SB817(E)	2SD1047(E)	2SB649A(C)	2SD669A(C)									T-SCREW 2-3*6	
SPEC	1	BLC			407	M3*C			1001	BLU	BRN			35 D			11 DIA										7	M4*5				5A-UL	5A-S	4A-UL	4A-S	BLK	BRN	RED	2SB8	2SD1	2SB6	2SD6					c	n	М3	က	T-SC	
	-																																																			
	-					K FIX									3		SCS											X											TRANSIRTOR, Q429 Q430			9424									FIX	
z	-	۵	;	Z	I NC	-FOWE	1	CITOR	C521						MER S		W#1					ų					HED	ANS F								Ð			,9429			2423	Z				ING	E			SINK	
IPTIO	-	LEAD-SHIELD		CHASSIS-MAIN	ABEL-WARNING	, SW	E E	CAPA	C-CERAMIC, C521			CIOR		TUBE-VINYL	PCB-SUB, POWER SW		TUBE-UL, 18MN*1 PCS	3M	TAPE VINT	T.		₹.				(E	R-T00	-B, TR	CIOR	-LIST						LEAD, S, P GND			IRTOR	2428	9426	2417 Q418 Q423 Q424	SOLDER-RESIN	Ģ.	-PCB	SINK	WASHER-SPRING	WASHER-TOOTHET	r.		/HEAT	
DESCR		LEAD.	EAD	CHASS	1	SCREW-B, SW-FOWER FIX	NA-POSH	COVER-CAPACITOR	C-CER	LEAD		CONNECTOR		TUBE-	PCB-SI	BANK	TUBE-	POND-3M	TAPE	T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		INANS-FOWER				FRAME(L)	WASHER-TOOTHED	SCREW-B, TRANS FIX	CONNECTOR	PARTS-LIST		FUSE	FUSE	FUSE	FUSE	LEAD,	S,P L	S,P R	TRANS	Q427 Q428	Q425 (	9417	SOLDE	PCB-AMP	ANGLE-PCB	HEAT SINK	WASHE	WASHE	NUT-BS	BOLT	ANGLE/HEAT SINK FIX	
PARTS NUMBER DESCRIPTION	-	H35	H08	101	707	HIS	101	H03	H07	H39	H34	H01	H01	H65	H12		H23	H01	H23	200	300	101	H01	H01	Н01	H01	H04		H01	G30	640	H17	H28			H73			H02			H05	H05	H02	H01	H01	H03	H03	H02			
JIS NU	-	L242C076H35	242D501H08	LSSZAOOIHOI	2851D071H02	06505063HI9	1943274UI	COHCOOLOGE	J140Y007H07	J243C426H39	J243C421H34	230Y003H01	230Y003H01	J073S722H65	.241C068H12	J838S101H03	L073S001H23	LO85D002H01	1073S722H23	TORESOR SHOP		CONTRACTOR	,350Y085H01	,350У086Н01	,350Y087H01	.547B005H01	U680S322H04	J650S063H95	,230Y003H01	J980C108G30	.980C108G40	U283S017H17	U283S022H28	J283S017H16	U283S022H22	243C080H73	L243C081H48	L243C082H50	L260D063H02	260D064H02	260D021H05	L260D024H05	U053S271H05	L241A039H02	L541C017H01	.565B005H01	U680S322H03	U680S302H03	U670S201H02	J667S001H05	U656S263H23	
	- E	177	777	867	182	200	547	123	410	U24	U24	L23	173	U07	L24	083	L07	1.08	1107	agi		133	135	L35	L35	154	068	065	$\Gamma$ 23	1.98	198	028	028	028	U28	1.24	L24	L24	1.26	$\Gamma$ 56	1.26	175	002	L24	L54	T26	068	N68	067	990	N65	
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						SY		SCREW-B.SW*2 DOST*4	3		T-SCREW DOA 1400 ETS												٦									7		·1	,	٦.	, m	FCB-AMP, FOST USE														
PTION						PCB-POST ASSY		R.S.W*	NIT. BIND POST	DOD-DOA IAN		1	ACP CP			400	3						COVER-AC COCKET		3	E	IAG	,	ب			SOLDER-RESIN		SW FIX PLATE	OBP	TERMATNAL-SP	2	, §	100				-FOST		SI	-FOST		m i	<b>4</b> ;	Ķ	11	
ESCRI						CB-PO		CREW	IT. BI				OVER!				TOWER-CORE					SOCKET	VED	CENT CT THE	M-011	CATE GOOD TA	3	CT 4140 ED		Teran	-	SI-DER		FIX	ABEL-DBP	EKMAT	9	B-AM	HAND-FOST				HOLDER-POST	HOST	HAND-FOST	WASHER-FOST	NOT.	PCB-SUB	HCA JACK	JACA-FACA	ic O	
PARTS NUMBER DESCRIPTION	20	09	20	80	90									3 6	3 6			90	13	01	01																			2 6	77											
S NUM	L703B033G50	L703B033G60	L703B033G70	L703B033G80	L703B033G90	L241B121G01	L241B121G02	U650S065H19	U670S003H02	1.2410069201	1656S164H24	5824011401	582401100	5024011102	E004011104	HOT THE	TOHTOGYZ#ZZ	UZ4ZC81ZH06	JZ4ZC809H19	242Y013H01	L242C310H01	L449Y002H01	1.840D009H01	131V013H01	431V016G01	851D069U01	0510003001	Edoneou Hou	194964911110	01426421410	HOOOL	COD3SZ711105	HT / 75	L/03D0Z/H01	452C001C01	1452C001G01	2414020IG02	LZ4 IAO39HI3	1704C013H01	7040012100	704C013H02	0013H	134 IBUISHUI	L685C001H01	TORZOCOCHOI	LESUCOUBHUI	DO LUSUUSHUZ	LZ41C068H01	LZ41C068H11	194900061196	1000	
	L703	L703	L703	L703	L703	L241	1241	0650	0670	1.241	1656	1 500	2007	1004	1 100	7007	747	0242	0242	L242	L242	L449	1.840	1.431	1431	1051	1 051	1.50.1	107	1 24 2	70101	00033	1000	105	1 452	1 150	1 2 4 1	17041	1 7 0 4	1704	100	1,04	11967	1080T	1083	Logo	000	12410	1 440	1 949	31.77	
S SA UT JP				*	¥	* *		*	*	*	*	*			*	ŧ			*		*	*	*	×				-X	· *	+ +	+ -1	<b>*</b> *	<del>(</del> )	<del>(</del>	*		*	+ +	ŧ	*	<b>+</b>	,	<del>(</del> +	* i	<del>( )</del>	<del>(</del>	<del>(</del>	<b>*</b>	<del>(</del> +	* *		
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US CIN WG E	I AS SA EP UT JP		PARTS NUMBER DESCRIPTION	SPECIFICATION Q	G'TY UNIT	3P UK EU	AS SA		PARTS NUMBER DESCRIPTION	SPECIFICATION Q'TY	TINU VIT
*		1.7038033650			501	US CN WG EP	$\supset$				
*		1 7030030000			3	* * * * *	* *	L242C076H35	LEAD-SHIELD	BLU	- PCS
•	*	1 7030033000			S	* * * * *	* *	L242D507H08	LEAD		1 PCS
	;	L/035033G/0			PCS	* * * * *	* *	1,582A001H01	CHASSIS-MAIN		200
		L/U3BU33G8U			PCS S	*		1.8510071402	LABET -WARNING		200
4		L/03B033G90			PCS	* * * * *	*	11650S063H19	SCREW-R SW-POWER FTX	M3*6	0
*	* *	L241B121G01	PCB-POST ASSY		PCS	* * * *	*	1.432V517H01	MS-MS-MS		2 2
×		L241B121G02			PCS	***	*	1 9300005005	CONTED_CADACTTOD		3 2
* * * * * *	* *	U650S065H19	SCREW-B, SW*2 POST*4	M3*6	PCS 9	* **	+ +	111 400000102	CONTRACTION OF STATE	100t 17001	3
* * * * *	* * *	U670S003H02	NUT, BIND POST	M3		+ + + +	+ +	10410010410	C-CERMILL, COST	#004 #12B	3
* * * * *	* *	L241C069G01	PCB-RCA JACK	ASSA		H +	*	UZ43C4Z6H39	LEAD	BLU	S
* * * * *	* *	U656S164H24	T-SCREW BCA IACK FIV	1-340		* * *	*	U243C421H34		BRN	- PCS
* *	*	1.5824011401	CONTED-DACE	7-340	2	* * *	*	L230Y003H01	CONNECTOR		1 PCS
*	*	1 5024011100	COVERTING		3	*	*	L230Y003H01			2 pcs
,		15054011H02			PCS	* * * * *	* *	U073S722H65	TUBE-VINYL	35 DIA BLK 0	0.65 M
	÷	LOSZAUIHOS			PCS	* * * * *	* *	L241C068H12	PCB-SUB, POWER SW		
4	*	L582A011H04			PCS	* * * *	*	11838S101H03	BANK		3 5
× ×		L242Y501H01	POWER-CORD		PCS	***	*	107350011193	THEFT TOWNS DOG	11 514	3
*		U242C872H06			S	+ + +	+ + + +	LO 5500 1H23	TOBE-UL, ISMN+1 PCS	II DIA	Σ. Σ.
*	*	U242C809H19			90		÷ ·	LUSSIDOUZHUI	BOND-3M		0.1
	*	1.242V013H01			3	* * * * *	* *	U073S722H23	TAPE VINYL	0	0.15 M
	*	1 9496910101			S	* * * * *	* *	U085S093H02	LOCK-TIGHT	•	9.0
*	. +	LA44CSTOHOL			PCS	*		L350Y083H01	TRANS-POWER		1
+	*	L449Y002H01	SOCKET		PCS		*	1.350V085H01			3
	* *	L840D009H01	COVER-AC SOCKET		SZA	×	*	1 350V086H01			3
* * * *	* * *	L431Y013H01	SW-SLIDE		900	*	,	1 25000001001			P.S
*		L431Y016G01			3 2	+ + + + + + +	+ +	10H/801067	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	•	 S
*		1,851D069H01	AC CORD TAG		3 5	* * * * * * * * * * * * * * * * * * * *	+ -	TOHODOR / POT	FRAME(L)		PCS
*		1.851D070H01	DUI ON OU		2	* * * * * * * * * * * * * * * * * * *	* *	U680S322H04	WASHER-TOOTHED	7	± PCS
* * * * *	*	154005011101	- Car 4140000		SS	* * * * *	* *	U650S063H95	SCREW-B, TRANS FIX	M4*5	4
	+ +	13490001H01	CLAMPER		- PCS	* * * * *	* *	L230Y003H01	CONNECTOR		e 2
+ + + + + +	¥ 1	0243C421H10	LEAD	BRN		* * * * *	* *	L980C108G30	PARTS-LIST		3 5
* · · · · · · · · · · · · · · · · · · ·	* *	L243C066H28		BLU	2 PCS	* * * * *	* *	1,980C108G40			3 3
* * * * * *	* * *	U053S271H05	SOLDER-RESIN		1.6 prs	* *	*	11283S017H17	HIST	5A-III.	3
* *	* *	U053S271H05				*		11983C020H28	1001	SA-SEMEO	, s S
* * * * *	* * *	L703D027H01	SW FIX PLATE	,		*	; ;	120020017116	FUSE	14 II	3 °
*		L851B004H08	LARET,-DRP		3 ::	+	. 1	07071055070	FUSE	4A-0L	SS.
* * * *	* *	1.4520001001	TEDMA INAL SD	ACCA	3	*	*	UZ83SUZZHZZ	HOSE	4A-SEMKO	N PCS
*		1,4520001002		ASSV	S .	* * * * * * * * * * * * * * * * * * *	* *	L243C080H73	LEAD, S, P GND	BLK	2 PCS
* * * * *	*	1.241 4039413	DOD AND DOCT HEE	HOO!	- PCS	* * * * *	* * *	L243C081H48	S,P L	BRN	1 2
* * *	*	1 70400 19101	HAND TOOM	:	SS	* * * * *	* *	L243C082H50	S,P R	RED	1
*	+	1 204001 21102	HAND-POST	BLK	PCS	* * * * *	* *	L260D063H02	TRANSIRTOR, Q429 Q430	2SB817(E)	2
÷ ÷	4	1704C013H03		BLK	PCS	* * * * *	* * *	L260D064H02	Q427 Q428	2SD1047(E)	2 2
f f	+	L/04C013H02		RED	PCS	* * * * *	* *	L260D021H05	Q425 Q426	2SB649A(C)	2 2
+ + + + + + + + + + + + + + + + + + +		L704C013H04		RED	PCS	* * * * *	* *	L260D024H05		2SD669A(C)	3
* · · · · · · · · · · · · · · · · · · ·	* *	L541B018H01	HOLDER-POST		PCS	* * * * *	* *	U053S271H05	SOLDER-RESTN		2.55
* * * * * * * * * * * * * * * * * * * *	* *	L685C001H01	POST		9 0	* * * * *	*	1.241A039H02	PCB-AMP	i	
* * * * *	* *	L685C002H01	HAND-POST		S	* * * * *	* *	1.541C017H01	ANGI E-PCB		2
* * * * * *	* * *	L680C006H01	WASHER-POST		9	* * * *	*	1.565B005H01	HFAT STAK		SS
* * * * * * *	* * *	U670S003H02	NOT	М3	32	* * * * *	*	116905329103	WACUED CODING		. E
* * * * * *	* * *	L241C068H01	PCB-SUB		2 2	+ + + + + + + + + +	* *	16905322003	WASHED TOOMIED	2 6	
* * * * *	* *	L241C068H11	RCA JACK		2 2	F # # # # # # # # # # # # # # # # # # #	* * * *	1167063041103	WASher-Toolned	2 2	
* * * * * *	* *	L440Y016H01	JACK-RCA		3 2	* * * * * * * * * * * * * * * * * * * *	* *	16675011105	POLT DE	25.0	
* * * * * *	* * *	L242C096H26	LEAD-SHIED	BLU	1 78	* * * *	* *	U656S263H23	ANGLE/HEAT SINK FIX	T-SCREW 2-3*6	2 2

LINI	8	8 8	3 2	S	S	8	S 5	3 2	S	SS	SS	PCS	S	S	SS	8	S	3 5	3 2	3 2	SS	PCS	S	3	3 8	3 8	3 2	3 ×	PCS	S	D.S.	8	<u>S</u>	PCS	SS	PCS	SS	PCS	SS	83	S	S	SS	PCS	PCS
	<b>54</b> -	· າ :	J -#	:4	သ	ა .	+ 4	·*	64	5/1	N	\$4	ભાર	Ν.	+ -	+ -	+ -	• -	+	¢4		(	:4 :	1 50	4 54	1 64	מו	0.14	N	-	0.1	-	7	(4)	N :	:4 •	+ -	<del>-}•</del>	7	+	-#	7	:4	C41 -	+
SPECIFICATION	50V 104J	50V 1	167 22	107 47		2SA970(GR)	25.59 (OLGR)	2SC2240(GR)	2SB649A(C)	2SD669A(C)	2SA1360(Y)	2SC3423(Y)	2SB826	2SD1062	1000	DICUE, ISSEL	GFB50(B)	17-4.7B	UZ-8.2B(M)	UZ-15BL	PB153M	PBL403	A-40	B10K	No. to	RED 185A		LEAD-JP, L:5	1/4W 330-J	1/4W 2.7K-J	1/4W 1-J	1/4W 10K-J	1/2w 8.2k-J	1/2W 4.7K-J	1/2W 18K-J	1W 10-J	IN 6.8h-J	1W 12K-J	. ,	_	1/3W 68-J	1/3W 1K-J	2W 10-J	50V 103Z	201 100
DESCRIPTION	C427 C428	C-ELECT, C402 C403 C404	C421 C412 C413 C414		FUSE-HOLDER	0405, 406, 407, 408, 409, 410	C413 C414 C441 C442	0415 0416 0439 R440	0435 0436	Q437 Q438	Q421 Q422		Q431 Q432	Q433 Q434		D41/ D418 D419 D420	D422 D423	740	D434 D431	D406	BD502	BD501	BREAKER, BK-1, BK-2	SVR VR401 VR409	COIL SPRING		NIG	W349 W350 W351 W352	R-CARBON, R513 R514	R451		R520	R413 R414 R423 R424	R475 R476	R469 R470	R-METER, R501 R502	R494 R495	R497 R498 R499 R500	R447 R448 R449 R450	R-CARBON, R461, 462, 463, 464	R465 R466 R467 R468	R485 R486 R487 R488	R-METAL, R520, 521	C-CERAMIC, C526 C527	C-ELECT, C453, 454, 455, 456
PARTS NUMBER		C182S333H40	L182Y322H23	L182Y322H13	L450D501H01	L260D057H01	1 260F057H01	L260D058H01	L260D021H05	L260D024H05	L260D059H01	L260D060H01	L260D061H03	LZ60D062H03	Location	UZ64S010H01	1 26 JC002116	1.164C003H20	L264C003H36	L264C003H53	L264D017H01	L264D018H01	L422Y001H14	1.127V003H07	L361Y023H01	L265Y001H06	U685S223H01	U243S001H04	U103S017H13	U103S017H24	L103Y022H62	L103Y02ZH31	L103Y041H30	L103Y041H27	L103Y041H34	U103S007H01	U103S007H35	U103S007H38	U103S007H39	U103S140H60	U103S140H06	U103S140H19	U105S006H46	U140S005H27	U182S0ZZH68
SA	% .	왕 4 왕 4	* *	*	*	* 1	* *	*	*	*	* *	*	* :	* :	* :	# ) # )	+ + + +	: <del>*</del>	*	*	*	* *	* *	+ + + +	*	*	*	*	*	* *	*	*	*	*	*	* *	*	*	* *	*	*	*			* *
EU AS	* .	* *	: »:	*	*	* *	* *	*	*	*	*	*	* :	* :	* :	* *		. *	*	*	*	* :	* *	· *	*	*	*	* *	*	*	*	*	*	*	*	* .	*	*	*	*	*	*	<b>.</b>		*
FR GP UK ]	* * * * * * * * * * * * * * * * * * *	* * *	· · · · · · · · · · · · · · · · · · ·	* * *	* * * * *	* 1	* *	* * *	* * * *	* * * *	* * * *	* * * * * *	* :	* 1	* + + * +	+ +	+ » + » + »	* * *	* * *	* * *	* * * * *	* * * * *	* * * * * *	* * *	* * *	* * *	* * * *	* * * *	* * * *	* * *	* * * *	* * * *	* * * *	* * * * * * *	* * * *	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * *	* * * * * *	* * *	* * * *	* * * * *	*		* * *
UNIT	SS	8 8	3 5	Σ	SS	co :	Σ.	EΣ		· 2E	Σ.	SS	PCS	S	S.	S.	<u>ج</u>	S 5	3 8	3 5	SS	PCS	PCS	S 5	2 2	3 2	3 8	3 5	3 5	2 2	2 2	3 8	3 2	SS	PCS	PCS	PCS	SS	SS	SS	PCS	SS	SS	SS	SCS
TINU VIT	HCS.	S 2		0.5 M	1 PCS	13 G	E :	5 W		0.3 M	.15 M	2 PCS	6 PCS	2 PCS	2 PCS	SS PCS	S F	S POS	2 4 2 5	2 - Z	4 PCS	2 PCS	bCS	PCS		2 2	1 G	2 2	. →	2 DCS	2 PCS	+ S 2	9	2	2 PCS	- PCS	÷	+ S2	+ PCS	÷	+ bCs	PCS SCA	2 PCS	PCS	2 PCS
	<b>-</b>					•		5 E X	. W. C	0.3 3	0.15 M	2 PCS	9		7	21	7 (	N 6	1 4	8	4		<b>-</b>	4 -	<del>,</del> -	- c	1 (2	8	7	64	64	7	9	SS	2 PCS	+ PCS	+ PCS	- -	+ PCS	÷ \$28	+ bCS	+ BCS	2 PCS	4 SS	2 PCS
SPECIFICATION Q'TY UNIT	-	LEAD-SHIELD, RD I PCS	-	O.5			LEAD-JP, L:10 0.3 M					1/4W 1-J 2 PCS	18-7 6	18-J 2	10-J	68-J 2 1	100-7	1/4W 220J 2 PCS	170-I	560-J 2	680-J 4	1K-J 2	1.2K-J	1/4W 1.5h-J 4 PCS	2. 7KI	5.6K-J	15K-J 6	39K-J 2	1/4W 47K-J 4	1/4W 220K-J 2	1/4W 270K-J 2 pcs	1/4W 440-J 4 pcs	DIODE, 1N4148 6 PCS		681K 2	223	1013	1017	331J 4	3317	15J 4	2232	473Z 2	104K	50V 122J 2 PCS
SPECIFICATION Q'TY	LL HEAT SINK)2-3*6	D-SHIELD, RD 1	WHT	10 DIA 0.5	JW401 1		-JP, L:10	1.:10	1:10	12,345,346 L:10	L:10		427,428,429,430 1/4W 18-J 6	R432 1/4W 18-J 2	R458 1/4W 10-J 2	1/4W 68-J 2	R478 R479 R480 1/4w 100-J 4 J	N444 1/4W 220-0 2 ]	R482 R483 R484 1/4W 470-1 4	R454 1/4W 560-J 2	R434 R437 R438 1/4W 680-J 4	R455 1/4W 1K-J 2	1.2K-J. 4	RADS RADS RAIS 1/4W 1.5N-J 4	1/4W 2. ZK-J	R516 1/4W 5.6K-J 2	491,492,403,404 1/4W 15K-J 6	1/4W 39K-J 2	R441,442,445,446 1/4W 47K-J 4	R402 1/4W 220K-J 2	1/4W 270K-J 2	1/4W 440-J 4	DIODE, 1N4148 6	,428	8 50V 681K 2	C418 C419 C420 50v 22J 4	C438 C439 C440 50V 101J 4	C450 C451 C452 50V 101J 4	C434 C435 C436 50V 331J 4	C442 C443 C444 50V 331J 4	C426 C423 C424 50v 15J 4	C502 C503 C504 50V 223Z 4	50V 473Z 2	448 25V 104K 4	1223 2
PARTS NUMBER DESCRIPTION Q'TY	U656S263H23 TR FIX(ON SMALL HEAT SINK)2-3*6	SOFI CLIPPING LEAD-SHIELD, RD I	LEAD WHT	SVGS-UL 10 DIA 0.5	SW-SLIDE JW401 1		W314,315,316,317,318,319 LEAD-JP, L:10	W326,327,328,329,330,331 1,:10	W332,333,334,335,336,337 L:10	12,345,346 L:10	W347 W238 W252 L:10	R-CARBON, R471, 472	R425,426,427,428,429,430 1/4W 18-J 6	R431 R432 1/4W 18-J 2	R457 R458 1/4W 10-J 2	R414 1/4W 68-J 2 1	B412 B413 R479 R480 1/4W 100-J 4	R459 R460 1/4W 330-1 2	R481 R482 R483 R484 1/4W 470-1 4	R453 R454 1/4W 560-J 2	R433 R434 R437 R438 1/4W 680-J 4	R456 R455 1/4W 1K-J 2	R436 R439 R440 1/4W 1.2K-J 4	R407 R408 R409 R410 1/4W 9 90-1	R452 M403 M410 1/4W 2.2K-J 1	R515 R516 1/4W 5.6K-J 2	R489,490,491,492,403,404 1/4W 15K-J 6	1/4W 39K-J 2	R-CARBON, R441, 442, 445, 446 1/4W 47K-J	R401 R402 1/4W 220K-J 2	R517 R518 1/4W 270K-J 2	R415 R416 R421 R422 1/4W 440-J 4	DIODE, 1N4148 6	D415,416,425,426,427,428	C-CERAMIC, C407 C408 50V 681K 2	C417 C418 C419 C420 50v 22J 4	C437 C438 C439 C440 50V 1013 4	C449 C450 C451 C452 50V 101J	C433 C434 C435 C436 50V 331J 4	C441 C442 C443 C444 50V 331J 4	C425 C426 C423 C424 50V 15J 4	C501 C502 C503 C504 50V 223Z 4	C507 C508 50V 473Z 2	C445 C446 C447 C448 25V 104K 4	50V 122J 2
SA PARTS NUMBER DESCRIPTION Q'TY	* U656S263H23 TR FIX(ON SMALL HEAT SINK)2-3*6	1.243C299H05 1.FAD CLIPPING LEAD-SHIELD, RD 1	LEAD WHT	SVGS-UL 10 DIA 0.5	SW-SLIDE JW401 1	SOLDER-RESIN	W314,315,316,317,318,319 LEAD-JP, L:10	W326,327,328,329,330,331 1,:10	W332,333,334,335,336,337 L:10	W338,340,341,342,345,346 L:10	W347 W238 W252 L:10	L103Y214H62 R-CARBON, R471, 472	R425,426,427,428,429,430 1/4W 18-J 6	R431 R432 1/4W 18-J 2	R457 R458 1/4W 10-J 2	R411 K414 17 17 17 17 17 17 17 17 17 17 17 17 17	B412 B413 R479 R480 1/4W 100-J 4	R459 R460 174W 220-0 2 3	R481 R482 R483 R484 1/4W 470-1 4	R453 R454 1/4W 560-J 2	R433 R434 R437 R438 1/4W 680-J 4	R456 R455 1/4W 1K-J 2	R435 R436 R439 R440 1/4W 1.2K-J 4	R407 R408 R409 R410 1/4W 9.20-7 4	R452 M403 M410 1/4W 2.2K-J 1	R515 R516 1/4W 5.6K-J 2	R489,490,491,492,403,404 1/4W 15K-J 6	R405 R406 1/4W 39K-J 2	R-CARBON, R441, 442, 445, 446 1/4W 47K-J	R401 R402 1/4W 220K-J 2	L103Y214H48 R517 R518 1/4W 270K-J 2	R415 R416 R421 R422 1/4W 440-J 4	D401,402,403,404,435,436 DIODE,1N4148 6	D415,416,425,426,427,428	L140Y306H10 C-CERAMIC, C407 C408 50V 681K 2	C417 C418 C419 C420 50v 22J 4	L140YZU3H35 C437 C438 C439 C440 50V 101J 4	L140Y203H35 C449 C450 C451 C452 50V 101J	C433 C434 C435 C436 50V 331J 4	LIDOY308H47 C441 C442 C443 C444 50V 331J	L140Y203H15 C425 C426 C423 C424 50V 15J	C501 C502 C503 C504 50V 223Z 4	C507 C508 50V 473Z 2	C445 C446 C447 C448 25V 104K 4	C-FOLY, C405 C406 50V 122J 2
PARTS NUMBER DESCRIPTION Q'TY	U656S263H23 TR FIX(ON SMALL HEAT SINK)2-3*6	1.243C299H05 1.FAD CLIPPING LEAD-SHIELD, RD 1	L243C299H28 LEAD WHT 1	U070S670H10 SVGS-UL 10 DIA 0.5	SW-SLIDE JW401 1	SOLDER-RESIN	W314,315,316,317,318,319 LEAD-JP, L:10	W326,327,328,329,330,331 1,:10	W332,333,334,335,336,337 L:10	U243D200H01 W338,340,341,342,345,346 L:10	W347 W238 W252 L:10	L103Y214H62 R-CARBON, R471, 472	L103Y214H64 R425,426,427,428,429,430 1/4W 18-J 6	R431 R432 1/4W 18-J 2	R457 R458 1/4W 10-J 2	R411 K414 17 17 17 17 17 17 17 17 17 17 17 17 17	B412 B413 R479 R480 1/4W 100-J 4	R459 R460 174W 220-0 2 3	R481 R482 R483 R484 1/4W 470-1 4	R453 R454 1/4W 560-J 2	R433 R434 R437 R438 1/4W 680-J 4	R456 R455 1/4W 1K-J 2	R435 R436 R439 R440 1/4W 1.2K-J 4	R407 R408 R409 R410 1/4W 9.20-7 4	R452 M403 M410 1/4W 2.2K-J 1	R515 R516 1/4W 5.6K-J 2	* L103Y214H33 R489, 490, 491, 492, 403, 404 1/4W 15K-J	L103Y214H38 R405 R406 1/4W 39K-J 2	L103Y214H39 R-CARBON, R441, 442, 445, 446 1/4W 47K-J 4	R401 R402 1/4W 220K-J 2	L103Y214H48 R517 R518 1/4W 270K-J 2	L103Y214H92 R415 R416 R421 R422 1/4W 440-J 4	D401,402,403,404,435,436 DIODE,1N4148 6	D415,416,425,426,427,428	L140Y306H10 C-CERAMIC, C407 C408 50V 681K 2	L140YZ03H19 C417 C418 C419 C420 50V 22J 4	* * * L140YZU3H35 C43/ C438 C439 C440 50V 1013 4	* * * L140Y203H35 C449 C450 C451 C452 50V 101J	* * * L150Y308H47 C433 C434 C435 C436 50V 331J 4	* * * LIDOY308H47 C441 C442 C444 50V 331J	* * * L140YZU3H15 C425 C423 C424 50V 15J 4	* * L140Y306H39 C501 C502 C503 C504 50V 223Z 4	C507 C508 50V 473Z 2	C445 C446 C447 C448 25V 104K 4	C-FOLY, C405 C406 50V 122J 2

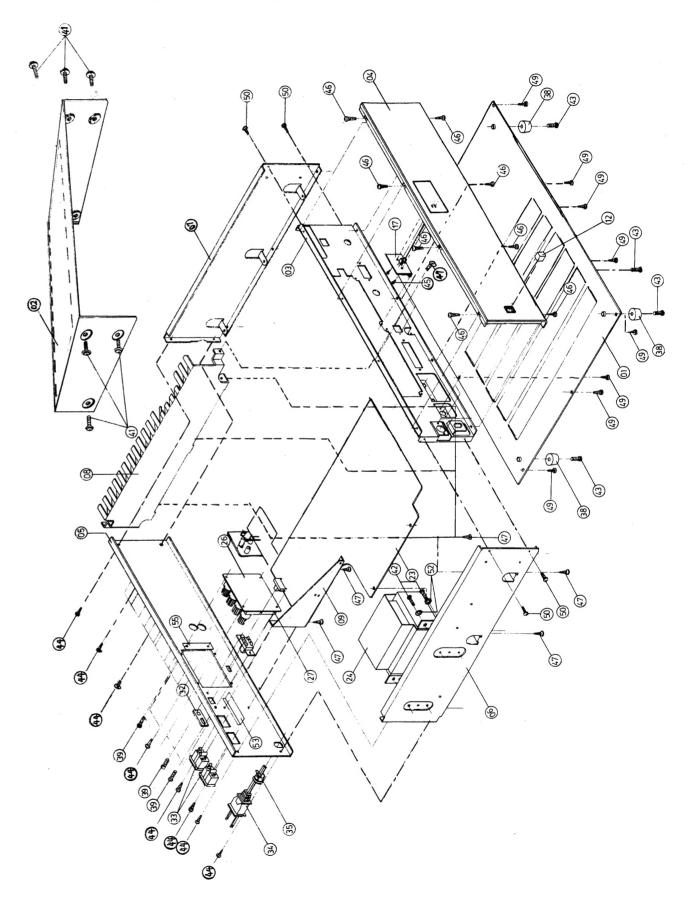
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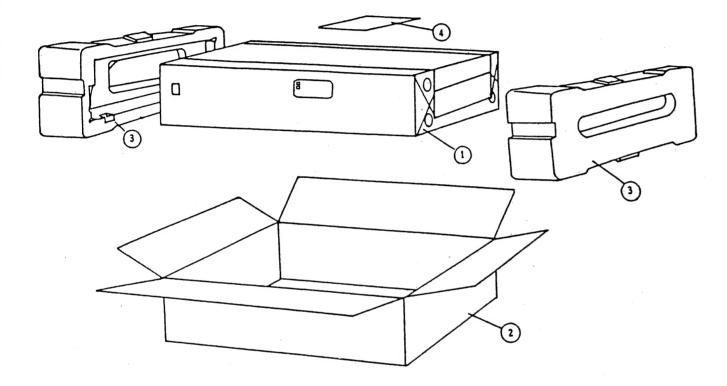
2240P ITEM	E EXPLODED L FARTS NO.	AME	Ò	11.
10	L580A002H01	COVER BOTTOM.		-
70	61401	ABINET		_
	582A001	HASSIS, FR		- ,
	702A047H	ANEL, FRO	3	<b></b>
O 0	282	FANEL, KEAK DANET DEAB	4 A	
	2 A O 1 1 H	ANEL, REA	! : ~	<b>-</b>
	582A011H	ANEL, REA	83	-
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	582A011H0	ANEL, REA	ບ	<b>-</b> .
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0 0	80 0	NEL, RE	S 5	
0 0	547R005	RAMEL, REA RAME (L)	70	
	547B006H	RAME (		-
	65B005H	EAR SINK		-
60	541C017H0	ACKER,		-
12	7040061110	NOB POWER		
	4180926	B ASS Y MA		- ,
	241B120G	ASS'Y MAIN	•	
5.4	350Y083H	ANSFORMER, MAIN POW	Z :	
	350Y087H	SFORMER, MAIN POW	A/A2	
7 .	350Y08/	ANSFORMER, MAIN POWE	C/C1/C3	
<b>3</b> 4	3001005	ANDFORMEN, MAIN FOW	- ^	
4 7	100000	KANSFORMEN, MAIN FOWE		
9 9	24 1 B 1 2 1 G	CO PAINTINI V ASS AC	only C	
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27	452C001	INAL-SPK,		-
3.2	703002	LATE SWITCH LOC		-
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33	449Y002H	C SOCK	A2	7
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	449Y002H	٥	7.6	۷ -
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3 0	242Y501H	ט כ		
34	242C872H	CO CO	æ	-
34	242C809H1	CCOR	C1	-
34	42C80	COR	ပ	-
	242Y013H	COR		-
	242C310H	C COR	C3	
34	42C809H	CCOR	C.5	
	540D501H	LAMPER		
	771D006	OOT RUBBE		<b>4</b> 4
3.6	50S05	CREW-BM3x6		o 4
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t v 10 tv t	U656S164H23	TAP 1		10

UNIT	PCS	SS	PCS	PCS	SS	PCS	SS	SS	SS	Σ	Σ	SS	ŋ	G	Ů	Ü	Σ	PCS	PCS	PCS	PCS	PCS	PCS	SS	SS	SS	SS	PCS	SS	PCS	SS	PCS	Σ	SS	PCS	SCS	PCS	S
N Q'TY	4	2	7	2	4	-		1	1	0.2	0.5	3	0.5	0.5	9.0	0.5	16.5	0.1	0.1	7		-	-	-	-	4	-1	8	4	1	-	1	0.03	1	1	-	-	-
SPECIFICATION Q'TY	50V 1	50V 220	50V 6800	80V 680Q	100V 1G	2P	2P	Bro	NED.	1 DIA	2 DIA			ADHESIVE	NO.575	KS-609	12 DIA	1/3W 3.3-J	1/3W 68-J		(FE)	SE-9421D	SE-9431D	1/4W 10K-J						M4*10			W:12	BOOK				
DESCRIPTION	C401	C415 C416	C505 C506	C509 C510	C429 C430 C431 C432	LEAD-TAPE, JW306	LEAD-TAPE, JW307	LEAD-SHIELD	LEAD	SVGS-UL, 10MM*20 PCS	10MM*2	BAND	LOCTK-TIGHT	HOT MELT .	CEMEDINE	SILICONE GEEASE	SVGS-UL	R-CARBON		PIN	PCB-AMP	POWER LED (GRN), LE-DIODE	SOFT CLIPPING (YEL)	R-CARBON, R521	COVER-BOTT	FOOT RUBBER	LABEL-QA	CUSHION	STOPPER-WASHER	SCREW-F, FOOT-RUBBER FIX	BAG-POLY	CARD-ADDENDUM	TAPE, 30MM*1 PCS	INSTRUCTION	PLUG	CARD	WARRANTY CARD	LEAD-RCA PLUG
PARTS NUMBER DESCRIPTION	U182S033H40	L180Y041H01	U180S016H01	L180Y038H01	U182S022H88	L243C092H46	L243C092H42	U242C626H20	U243C592H32	U070S670H01	U070S670H02	U838S101H01	C085S093H02	U085S094H07	C085S091H13	U091S650H18	U070S670H11	U103S140H60	U103S140H06	U685S223H01	L241A039H16	L268Y026H01	L268Y027H01	L103Y022H31	L580A002H01	L771D006H01	L851D056H01	L552D013H01	L739D001H02	U650S025H31	L831D003H01	L850C006H01	U096S004H01	L871B003H75	L450Y002H01	L850B016H11	L850C007H01	L243Y009H01
SA	5 *	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	×	*	*	*	*	*	. <del>*</del>		*	*				*
E	5 *	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*			* *
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# EXPLODED VIEW



## PICKING DIAGRAM



### 2240PE PACKING LIST

t								
1	ITEM	;		NUMBER		NAME	1	Q'TY
1	1	!		L831D002H01	;	Bag-Poly	1	1
1	2	;		L800D003H05		Carton Indiyidual	1	1
	3	1		L813A006H01		Styro Packing	1	2
		1		L871B003H75		Instruction		4
1	4		OR	L871B004H42	1	Instruction, WG only		'

NAD ELECTRONICS
BOSTON/LONDON